



**PATENTS**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Jeffrey Kernan et al.

Application No. 10/027,333

Filed: March 15, 2002

For: APPARATUS FOR  
MANIPULATION OF IONS AND  
METHODS OF MAKING  
APPARATUS

Art Unit: 2881

Examiner: Philip A. Johnston

Atty Docket: 10991598-1

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED  
OCT 28 2003  
1C 2800 MAIL ROOM

**RESPONSE TO OFFICE ACTION OF JULY 12, 2003**

Sir:

In response to the Office Action of July 21, 2003, please amend the above-identified application as follows:

Amendments to the claims are reflected in the listing of claims which begin on page 2 of this response.

Remarks begin on page 8 of this response.